

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name Ukiah		County Mendocino	
Authorized Signature		Title	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year	
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").	
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>	
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990-91	1997
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The proposed generation study year includes all 12 months. There were no unusual circumstances during this year.	

4. Enter diversion rate information below.			
Diversion rate calculated using existing base year	a.	29 %	Diversion rate calculated using new generation-based study
For existing base year pounds/person/day based on generation		6	For new generation based study pounds/person/day based on generation
Residential generation 54 %			Residential generation 54% %
Non-Residential generation 46 %			Non-Residential generation 46% %
Population existing generation-based study		14,800	Population new generation-based study
			14,800
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).			
Ukiah, in 1997, had a comprehensive curbside recycling pickup and yard waste pickup, and a commercial recycling pickup program. There was drop-off recycling available at the landfill, and convenient buy-back recycling centers at two locations in the small city. The major supermarkets and some large businesses did direct recycling activity. The reported diversion rate is consistent with these programs.			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)			
Between 1990-91 and 1997, there was expansion and improvement in all phases of the City's recycling programs.			

7. Disposal Tonnage (enter values):	7471	6546	14017
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwrmb.ca.gov/LGCentral/Form/rytmndrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwrmb.ca.gov/LGCentral/Form/rytmndrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt), white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

* Please provide detailed Non-Residential waste information in Section 9.

Please use the Board's program types. The program type glossary is online at: www.ciwrmb.ca.gov/LGCentral/Forms/COG_describe.htm				
Diversion Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor (used if any) and Source
Residential Source Reduction				
Backyard composting	3	0.0%	Food waste and yard waste	360 lbs per cubic yard for food waste and 200 lbs per cubic yard for yard waste
Other Residential Source Reduction (list each program separately)				
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Subtotal Residential Source Reduction	3	0.0%		
Residential Recycling Activities				
Curb-side Recycling	660	2.7%	OCC, ONP, mixed paper, mixed plastic, glass, aluminum cans, tin cans	None
Buyback Centers				
Drop-off Centers	778	3.2%	OCC, mixed paper, ONP, HDPE, PETE, mixed plastics, glass, aluminum cans, tin cans	None
				Weight tags, recycling centers

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with/without materials in one box)	Specific Conversion Factor (Used if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ci.wmhi.ca.gov/LCCenter/Pages/02des/Reduction					
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	1438	6.9%			
Residential Composting Activities					
Green Waste Drop-off	563	2.3%	Yard waste and wood waste	None	Weight tags, hauler office
Curb-side Green Waste	2208	9.1%	Yard waste	None	Weight tags, hauler office
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	2171	11.4%			
Subtotal Residential Diversion	4212	17.4%			
Non-Residential Source Reduction Activities					
Non-Residential Waste Auditor	1410	5.8%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
City	1064	4.4%	Asphalt reuse	Actual weights	Recycler Records
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	2474	10.2%			

Diversion Activity	Actual tons	Relative Percentage Total Generation	Specific Material Types (List operation with multiple materials in one box)	Specific Conversion Factor (Used if any) and Source	Type of Record and Location of Record
<p>Please use the Board's program types. The program type glossary is online at: www.ciwmn.ca.gov/SCentral/Panels/02des/Reduce.htm</p>					
Recycling	737	3.0%			
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Commercial pickup	1332	5.6%	OCC, ONP, office, HDPE, glass	None	Weight tags, hauler office
Commercial self-haul	538	2.2%	OCC, high-grade ledger, film plastics, other plastics	None	Questionnaire, MSVMA office
Enter program name					
Enter program name					
Subtotal: Non-Residential Recycling	2607	10.8%			
Non-Residential Composting					
Non-Residential Waste Audits*	350	1.4%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Commercial pickup	285	1.2%	Wood waste, yard waste	None	Weight tags - hauler office
Commercial self-haul	249	1.0%	Yard waste	None	Weight tags - hauler office
Enter program name					
Enter program name					
Subtotal: Non-Residential Composting	884	3.6%			
Subtotal: Non-Residential Diversion Residential/Non-Residential	5864	24.6%			
Subtotal: Non-Residential Diversion Activities					
ADC					
Sludge					
Screen Metal	29	0.1%	Ferrous metals	None	Questionnaires - MSVMA Office
Construction and Demolition					
Landfill Salvage					
Subtotal: Residential/Non-Residential Diversion	28	0.1%			
Total Residual-Res Source Reduction Tons	2477	10.2%			
Total Diversion Tons	10206	42.1%			
Total Disposal Tons from Sec 7	14017	57.9%			
Total Generation Tons (Div+Dis)	24222				
Diversion Rate	42%				

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.
(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
City	33	Grasscycling, asphalt reuse	1910			1910.4	7.9%	P
Supermarket	1	OCC recycling, film plastic recycling, food waste source reduction, bone and fat rendering, produce composting	36	334	65	434.81	1.8%	P
School District	32	Grasscycling	347			346.8	1.4%	M
Supermarket	2	OCC recycling, film plastic recycling, food waste source reduction, bone and fat rendering, cooking oil recycling, produce composting	8	256	52	316.18	1.3%	M
Drug store	3	OCC recycling		62		62.4	0.3%	P
Mail order	4	Paper reuse as packaging	43			43	0.2%	P, M
Food bank	5	Food reuse	37			36.5	0.2%	P
Diaper service	6	Diaper source reduction	36			36	0.1%	P
Community kitchen	7	Food reuse	26			26	0.1%	P
Department store	8	OCC recycling		23		23	0.1%	P
Totals			2442.7	675.39	117	3235.09	13.4%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Grasscycling -- Business 32: 45.5 acres at 7.623 tons per year per acre. Business 33: 111 acres at 7.623 tons per acre per year.

Asphalt Reuse -- Business 33: Actual weight.

OCC recycling -- Business 1: Three bales per day at 500 lbs per bale. Business 2: 2.5 bales per day at 450 lbs per bale. Business 3: Six bales per week at 400 lbs per bale. Business 8: Two bales per week at 450 lbs per bale.

Film plastic recycling -- Business 1: Actual weight. Business 2: Actual weight.

Food waste source reduction -- Business 1: One pallet per day at 200 lbs per pallet. Business 2: One pallet per week at 300 lbs per pallet.

Bone and fat rendering -- Business 1: 5.5 55-gallon barrels per week at 410 lbs per barrel. Business 2: Four 55-gallon barrels per week at 410 lbs per barrel.

Cooking oil recycling -- Business 2: 40 gallons per week at 7.45 lbs per gallon.

Produce composting -- Business 1: Five pallets of produce (in banana boxes) at 500 lbs per pallet. Business 2: Five 55-gallon drums per week at 400 lbs per drum.

Paper reuse as packaging -- Business 4: Actual weight.

Food reuse -- Business 5: Business estimate based on number of pickups and volume of van. Business 7: Business estimate based on number of pickups and volume of van.

Diaper source reduction -- Business 6: .33 lbs per diaper.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for Waste Types ▼	Scrap Metal	1990	29
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

CITY OF UKIAH ATTACHMENT 9

DIVERSION BY COMMERCIAL GENERATORS NOT INCLUDED IN
HAULER'S RECYCLING COLLECTIONS

Ref. No.	Type bus.	Category	Materials	Method	Conversion factor	Quantity (tons)
1	market	commercial	cardboard	recycle	direct weigh	203 271.5
			Film plastic	recycle	Direct weight	3.48
			Food waste/outdated goods donations source reduction	Source reduction		36.20
			Bone and fat rendering recycling	recycle		58.63
			Produce composted	compost		65.00
2	market	commercial	cardboard	recycle	direct weigh	177.87 204.19
			film plastic	recycle	direct weight	1.80
			Food waste/Outdated goods donations source reduction	source reduction		7.80
			Bone and fat rendering recycling	recycle		42.64
			Cooking oil recycling	recycle		7.75
			Produce composted	compost		284.5
3	drug store	commercial	cardboard	recycle	direct weigh	52 62.4
4	mail order	commercial	other paper	source reduction	direct weigh	43
5	food bank	commercial	food	source reduction	direct weigh	36.5
6	diaper service	commercial	diapers	source reduction	.33 diaper/lb	36
7	commu nity kitchen	commercial	Food	source reduction	direct weigh	26
8	dept store	commercial	Cardboard	recycle	direct weigh	23
9	office store	commercial	Cardboard	recycle	direct weigh	18
10	disct store	commercial	Cardboard	recycle	direct weigh	13
11	pottery store	commercial	Other plastics	source reduction	200 lb/cy	14.4
12	market	commercial	Cardboard	source reduction	360 lb/cy food	1.3
			Food	source reduction	14 lb/OCC bag	1.0

13	factory	commercial	Other plastics	recycle	200 lb/cy	7
14	bank	commercial	office paper	recycle	direct weigh	.42
15	bank	commercial	office paper	recycle	direct weigh	1
16	service	commercial	toner cart	recycle	direct weigh	.1
17	bank	commercial	office paper	recycle	direct weigh	.5
18	bank	commercial	office paper	recycle	350 lb/cy	.14
19	insurance	commercial	office paper	recycle	350 lb/cy	.9
20	restaurant	commercial	Food	source reduction	360 lb/cy	.23
21	market	commercial	Food	source reduction	360 lb/cy	.2
22	bank	commercial	office paper	recycle	350 lb/cy	1.3
23	hardware store	commercial	film plastics	recycle	direct weigh	6.75
24	bank	commercial	office paper	recycle	350 lb/cy	1.5
25	market	commercial	film plastic	recycle	direct weigh	8
26	library	commercial	other paper	source reduction	40lb/box	10.1
27	nursery	commercial	other plastic	source reduction	5 lb/pot	.7
28	hospital	commercial	office paper	recycle	350 lb/cy	.5
29	hospital	commercial	office paper	recycle	350 lb/cy	.3
30	utility	commercial	cardboard	recycle	direct weigh	2.4
31	school	commercial	food	source reduction	360 lb/cy	3.5
32	school district	commercial	yard waste	grasscycl	7.623 t/a/yr	346.8
33	city	commercial	yard waste	grasscycl	7.623 t/a/yr	846.2
Total						2496.63
Recycling						737.2
Source Reduction						216.93
Composting						349.61
Grasscycling						1193.0

Note: Bold indicates new diversion.